

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 61085040
PUBLICATION DATE : 30-04-86

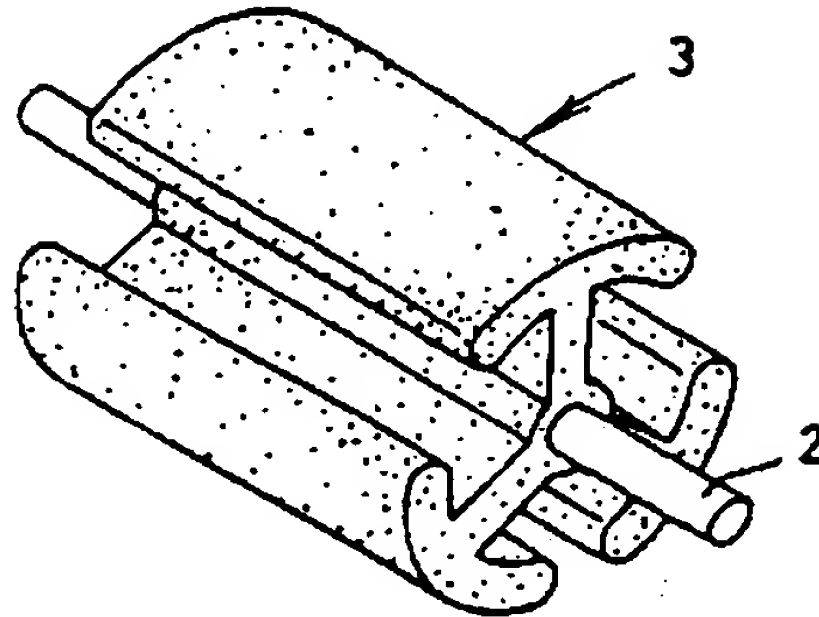
APPLICATION DATE : 02-10-84
APPLICATION NUMBER : 59205635

APPLICANT : UBE IND LTD;

INVENTOR : NAWATA SATORU;

INT.CL. : H02K 15/02

TITLE : MANUFACTURE OF CORE FOR
MOTOR



ABSTRACT : PURPOSE: To obtain a core of a complicated shape in simplified steps by mixing plastic as a binder in conductive metal powder, heating to melt the mixture, kneading it, and integrally molding a core by an injection molding.

CONSTITUTION: 90~95% of conductive metal powder and 5~10% of plastic are mixed by weight, the mixture is melted and kneaded at 150~200°C to form a pellet with metal powder. This pellet is used, mounted on a resin kneading and melting unit of the screw of an injection molding machine, and a rotational shaft 2 is set in a mold, and a core 3 is molded by an injection molding.

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